

What Is Claimed Is:

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1. A conjugate of a non-immunogenic toxin or therapeutic radionuclide and a cell-specific cytokine.

2. A conjugate as claimed in claim 1, wherein said toxin is an RNase.

3. A conjugate as claimed in claim 1, wherein said cytokine is IL-15.

4. A conjugate as claimed in claim 3, wherein said toxin is onconase.

5. A conjugate as claimed in claim 4, which additionally comprises a diagnostic radionuclide.

6. A composition comprising a conjugate according to claim 1, and a pharmaceutically acceptable carrier.

7. A composition as claimed in claim 6, additionally comprising a diagnostic radionuclide conjugated to said cytokine.

8. A fusion protein comprising a bispecific antibody that has a first specificity for a cell marker specific to a malignant cell and a second specificity for a region of IL-15 α .

9. A fusion protein as claimed in claim 8, wherein said bispecific antibody is a scF_v.

10. A fusion protein as claimed in claim 9, wherein said scF_v is a fusion of two individual scF_v molecules.

11. A fusion protein as claimed in claim 10, wherein said cell marker is a B-cell restricted antigen.

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